

What is claimed is:

1. An electromagnetic wave absorber containing (a) a soft ferrite surface-treated with a silane compound having a non-functional group at 60 to 90% by mass, (C) magnetite at 3 to 25% by mass and (d) silicone at 7 to 15% by mass.
2. An electromagnetic wave absorber containing (a) soft ferrite surface-treated with a silane compound having a non-functional group at 40 to 60% by mass, (b) flat, soft magnetic metal powder at 20 to 30% by mass, (c) magnetite at 3 to 10% by mass and (d) silicone at 7 to 25% by mass.
3. The electromagnetic wave absorber according to Claim 2, wherein ratio of (a) the soft ferrite surface-treated with a silane compound having a non-functional group to (b) the flat, soft magnetic metal powder is 1.8 to 2.3/1 by mass.
4. The electromagnetic wave absorber according to one of Claims 1 to 3, wherein (a) the soft ferrite surface-treated with a silane compound having a non-functional group is surface-treated with dimethyldimethoxy silane or methyltrimethoxy silane.
5. The electromagnetic wave absorber according to one of Claims 1 to 4, wherein (a) the soft ferrite surface-treated with a silane compound having a non-functional group is kept at a pH of 8.5 or less.
6. The electromagnetic wave absorber according to one of Claims 1 to 5, wherein (a) the soft ferrite surface-treated with a silane compound having a non-functional group is composed of the powder having a particle size

distribution  $D_{50}$  of 1 to 30  $\mu\text{m}$ .

7. The electromagnetic wave absorber according to one of Claims 1 to 6, wherein (a) the soft ferrite surface-treated with a silane compound having a non-functional group is Ni-Zn-based one.

8. The electromagnetic wave absorber according to one of Claims 2 to 7, wherein (b) the flat, soft magnetic metal powder is of a low self-oxidation type showing a mass change rate of 0.3% or less in an atmospheric exposure test under heating.

9. The electromagnetic wave absorber according to one of Claims 2 to 8, wherein (b) the flat, soft magnetic metal powder has a specific surface area of 0.8 to 1.2  $\text{m}^2/\text{g}$ .

10. The electromagnetic wave absorber according to one of Claims 2 to 9, wherein (b) the flat, soft magnetic metal powder is composed of the particles having a size distribution  $D_{50}$  of 8 to 42  $\mu\text{m}$ .

11. The electromagnetic wave absorber according to one of Claims 2 to 9, wherein (b) the flat, soft magnetic metal powder is microcapsulation-treated.

12. The electromagnetic wave absorber according to one of Claims 1 to 11, wherein (c) the magnetite is composed of the particles having a size distribution  $D_{50}$  of 0.1 to 0.4  $\mu\text{m}$ .

13. The electromagnetic wave absorber according to one of Claims 1 to 12, wherein (c) the magnetite is composed of the fine, octahedral particles.

14. The electromagnetic wave absorber according to one of Claims 1 to 13, wherein (d) the silicone is gelled one having a penetration of 5 to 200, determined in accordance with JIS K2207-1980 (load: 50 g).

15. A laminated electromagnetic wave absorber comprising an electromagnetic wave absorption layer of the electromagnetic wave absorber according to one of Claims 1 to 14, coated with an electroconductive reflection layer and electrical insulation layer, in this order.

16. The laminated electromagnetic wave absorber according to Claim 15 which can absorb unnecessary electromagnetic waves emitted from a resin box inside and outside, comprises the electromagnetic wave absorption layer coated with an electroconductive layer for reflecting electromagnetic waves, electric insulation layer and adhesive layer, in this order, each of the electromagnetic wave absorption layer and adhesive layer being coated with a releasable film layer on the other side, wherein the electromagnetic wave absorption layer is sufficiently adhesive to be fast bonded at least to a high-speed arithmetic element, and adhesive layer can be kept attached at least to a horizontal glass ceiling surface.

17. The laminated electromagnetic wave absorber according to Claim 15 or 16, wherein an electrical insulation layer is provided between the electromagnetic wave absorption layer and electromagnetic wave reflection layer.

18. The laminated electromagnetic wave absorber according to one of Claims 15 to 17, wherein the electromagnetic wave reflection layer is a metallic layer of aluminum.

19. The laminated electromagnetic wave absorber according to one of Claims 15 to 18, wherein the adhesive layer is of an acrylic resin.

20. The laminated electromagnetic wave absorber according to one of Claims 15 to 19, wherein the electric insulation layer is of a polyethylene terephthalate resin.